Herbicidal compositions for tolerant or resistant cotton crops

Herbicide combinations (A)+(B), if appropriate in the presence of safeners, with an effective content of

- (A) broad-spectrum herbicides from the group
 - (A1) glufosinate (salts) and related compounds
 - (A2) glyphosate (salts) and related compounds such as sulfosate,
 - (A3) imidazolinones such as imazethapyr, imazapyr, imazaquin, imazamox or their salts and
 - (A4) herbicidal azoles from the group of the protoporphyrinogen oxidase inhibitors (PPO inhibitors) and
 - (A5) the hydroxybenzonitriles and
- (B) herbicides from the group consisting of
 - (B0) one or more structurally different herbicides from the abovementioned group (A),
 - (B1) foliar- and soil-acting herbicides which are effective against monocotyledonous and dicotyledonous harmful plants,
 - (B2) predominantly foliar-acting herbicides which are effective against dicotyledonous harmful plants,
 - (B3) predominantly foliar-acting herbicides which are effective against monocotyledonous harmful plants, and
 - (B4) foliar- and soil-acting herbicides which are effective against predominantly monocotyledonous harmful plants

are suitable for controlling harmful plants in cotton which consists of tolerant or resistant mutants or transgenic cotton plants.